

**STIC Database Tracking Number: 369886**

To: KENNETH BARTLEY

Location: KNX-5B49

Art Unit: 3693

Friday, July 29, 2011

Case Serial Number: 10/584826

**From: EMORY DAMRON**

Location: EIC3600

KNX-4A58

Phone: (571)272-3520

[emory.damron@uspto.gov](mailto:emory.damron@uspto.gov)

**Search Notes**

KENNETH:

Please find below your search results.

References of potential pertinence have been bold-highlighted within the document. If you're being sent an electronic file, please note some text may be followed by drawings chosen because of specific relevance.

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There may be a few decent references contained herein, but I'll let you determine how useful they may be to you.

Please contact me if I can refocus or expand any aspect of this case. And, if you need better, different or more art.

EIC 3600 welcomes your feedback and would be particularly interested in learning if you anticipate using any of these references in an office action.

Good Luck!

Sincerely,

Emory Damron

EIC 3600, US Patent & Trademark Office

Phone: (571) 272-3520

[Emory.damron@uspto.gov](mailto:emory.damron@uspto.gov)

## **II. INVENTOR RESULTS**

**[NONE OTHER THAN THE PUBLISHED APPLICATION,  
US 20090106133, AND RELATED WO 2005062224]**

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## **III. SEARCH STRATEGIES & ALL DATABASES**

File 347:JAPIO Dec 1976-2011/Mar (Updated 110627)

(c) 2011 JPO & JAPIO

File 350:Derwent WPIX 1963-2011/UD=201147

(c) 2011 Thomson Reuters

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Set        Items     Description  
S1        39426    (MERCANTILE? OR ENTREPRENUR? OR BUSINESS OR ENTERPRISE?  
OR  
            INCORPORAT? OR FOR()PROFIT OR COMMERCIAL? OR  
INDUSTRIAL?) () (E-  
            NTERPRISE? OR ENTIT? OR CONCERN? OR FIRM? ? OR VENTURE? OR  
ST-  
            ARTUP? ? OR START() (UP OR UPS))  
S2        84938    COMPANY OR BUSINESS()ENTERPRISE? OR COMPANIES OR  
CORPORATI-  
            ON? OR LLC OR LLCS OR PARTNERSHIP? OR  
SOLE()PROPRIET?RSHIP? OR  
            GOING()CONCERN? ?  
S3        1313472   DEBENTUR? OR STOCK? OR EQUIT? OR SHARE? OR BOND? ? OR  
COMM-  
            ODIT? OR FUTURE? OR SECURIT? OR CASH? OR MONEY  
S4        3029     (INVESTMENT? OR FINANCIAL OR MONETARY OR  
CAPIT?L?) ()(ASSET?  
            OR FUND? OR OPTION? OR INSTRUMENT? OR MUTUAL()FUND?)  
S5        182124   RISK OR RISKINESS? OR MORAL()HAZARD? OR VOLATILIT? OR  
UPS(-  
            2W)DOWNS OR ROLLER()COASTER? OR MARKET(2N)(EXPOSURE? OR  
LIABI-  
            L? OR LIABL?) OR BEYOND(2W)CONTROL OR UNCERTAINT?  
S6        60640     PERIL? OR HAZARD?  
S7        3803     (UNFORESEEN? OR UNPREDICT? OR UNEXPECT? OR SUDDEN? OR  
UNCE-  
            RTAIN?) (2N)(REVERSAL? OR SWING? OR EVENT? OR HAPPEN? OR  
CONTI-  
            NGEN? OR CONDITION? OR SCENARIO? OR DROPS OR RISES OR  
SPIKE? -  
            OR SURGE? OR MELTDOWN? OR SURGE? OR UPSURG? OR UPTICK?)  
S8        1573     S1:S2 AND S3:S4 AND S5:S7

S9 320 RATIO OR RATIOS OR RELATIONSHIP? OR PROPORTION? OR PERCENT?  
OR PER() (CENT OR CENTAG?) OR (INVERS? OR FRACTION?) () RELATIO-  
N?  
S10 1 NUMERIC?(2N) (RELATIONSHIP? OR DERIVATIV? OR FRACTION?)  
OR - DERIVAT? (2N) RELATIONSHIP?  
S11 535 CALCULATE? OR CALCULATING OR CALCULATION? OR ALGORITHM?  
OR FORMULA? OR ARITHMET? OR MATHEMATIC? OR EQUATION?  
S12 47 ALGEBRA? OR TRIGONOMET? OR CALCULUS? OR QUADRATIC? OR POLY-  
NOMIA? OR COEFFICIENT? OR DIVIDEND(3N)DIVISOR? OR QUOTIENT? OR LOG?RITHM?  
S13 633 "SAME" OR IDENTICAL? OR SYNCHRON? OR COOCCUR? OR CONCURR? -  
OR CO() OCCUR? OR COINCID? OR CORRESPOND? OR CORRELAT?  
S14 616 MATCH? OR SIMILAR? OR ANALOGOUS? OR COUNTERPART? OR ANALOGY  
OR ANALOGIE? OR ANALOGUE? ? OR UNISON? OR RELATED OR RELATIO-  
NSHIP?  
S15 323 OVERLAP? OR SHARE? OR SHARING? OR ALIGN? OR SYNONYMOUS?  
OR CONGRUENT? OR CORROBORAT? OR INTERRELAT?  
S16 986 PREMIUM? OR PRICE? OR VALUE? ? OR COST? OR FEE OR FEES  
OR - CHARGE OR CHARGES OR EXPENSE? OR EXPENDITUR? OR SPENDING  
OR OUTLAY? OR SPENDING? OR SALESCOST? OR SALESPRICE? OR SELLPRICE?  
OR SELLCOST?  
S17 369 AMOUNT() SPENT? OR COMMISSION? OR ROYALT? OR REMUNERATION? -  
OR PURCHAS? OR BUYIN OR BUYINS OR VALUATION? OR DOLLAR() (AMT -  
OR AMTS OR AMOUNT?)  
S18 19 (FUDGE OR HEDG? OR MONETAR? OR OFFSET? OR PREDETERM?) () (FA-  
CTOR? OR VALUE? OR PARAMET? OR CHARACTERISTIC? OR TRAIT?  
OR A- TTRIBUT? OR SIGNATUR? OR FINGERPRINT?)  
S19 0 (FUDGE OR HEDG? OR MONETAR? OR OFFSET? OR PREDETERM?) () (YA-  
RDSTICK? OR BENCHMARK? OR MILESTONE? OR PARVALUE? OR PROFILE?  
OR MULTIPLIER? OR MULTIPLICATIV?)  
S20 438 DISCRETE? OR DISTINCT? OR PRESCRIB? OR ENUMERAT? OR PARTIC-  
ULAR? OR STIPULAT? OR FIXED OR STATIC  
S21 852 DETERMIN? OR PREDETERMIN? OR DEFINED? OR DEFINITIV? OR PRE-  
SET? OR PRESPECIF? OR PRESELECT? OR PREESTABLISH? OR STIPULAT?

S22 355 SPECIFIC OR SINGULAR OR UNIQUE? OR ENUMERAT? OR  
EXCLUSIV? -  
OR UNITARY?

S23 797 TIME? OR PERIOD? OR INTERVAL? OR DURATION? OR TIMELINE?  
OR  
TIMESPAN? OR TIMELIMIT? OR TIMEPERIOD? OR TIMERANGE? OR

TIMES-  
PREAD? OR TIMESPECTRUM?

S24 225 SESSION? OR TIMELENGTH? OR WEEK? OR DAY OR DAYS OR  
MONTH? -  
OR YEAR?

S25 673 TWO(2W)MORE OR MORE(2W)ONE OR PLURAL? OR MULTI OR  
SEVERAL -  
OR NUMEROUS? OR MULTIPPLICIT? OR MULTITUD? OR MULTIPLE?

S26 605 COLLECTION? OR AGGREGAT? OR MANY OR COLLECTIVE? OR  
COMBINA-  
TION? OR GROUP? OR POOL??? OR COMMUNIT? OR CLUSTER?

S27 1023 COMPUTER? OR ELECTRONIC()STORAG? OR SERVER? OR  
DATABASE? OR  
DESKTOP?

S28 5 MICROCONTROLLER? OR MICROCOMPUTER? OR MINICONROLLER?  
S29 46 COMPUTING() (DEVICE? OR APPARATUS?) OR MULTIPROCESS? OR  
MAI-  
NFRAME?

S30 74 MINICOMPUTER? OR PC OR PCS OR DATAPROCESSOR? OR  
MICROPROCE-  
SSOR? OR CENTRALPROCESSOR? OR CPU? ?

S31 23 (DATA OR MICRO OR CENTRAL OR MINI) () (PROCESSOR? OR  
CONTROL-  
LER?) OR MINICOMPUTER? OR MICROCOMPUTER?

S32 207 MICROPROCESSOR? OR MICRO() (CONTROLLER? OR PROCESSOR?)  
OR D-  
ATA() (BASE? OR STORAG? OR STORE? OR STORING? OR FILE?)

S33 70 DATA() (STRUCTUR? OR BANK? OR REGIST? OR REPOSIT? OR  
ARCHIV?  
OR RECORD? OR SET OR SETS)

S34 16 DATABANK? OR DATASERVER? OR DATAFIELD? OR  
DATA() (SERVER?) -  
OR DATASTOR? OR DATARECORD? OR DATA()FIELD?

S35 6 DATAREPOSIT? OR DATASET?

S36 4 EXECUT?()FILE? OR PROGRAM?()Languag? OR CONTROL()LOGIC?

S37 187 SOFTWARE? OR SOFT()WARE? OR APP? ? OR MACRO? ? OR API  
OR A-  
PI? OR PROGRAM()INTERFACE?

S38 36 PROCESS?R?(2N) (PROGRAM? OR APPLICATION? OR ROUTINE? OR  
SUB-  
ROUTINE? OR CODE? OR INSTRUCTION? OR ALGORITH? OR  
Languag?)

S39 13 PROCESS?R?(2N) (PROCEDUR? OR PROTOCOL? OR COMMUNICATION?  
OR  
COMMAND? OR STEP? ?)

S40 1 PROCESS?R?(2N) (SCRIPT? OR UTILIT? OR CODE? OR UTILIT?  
OR S-  
CRIPT? OR ROUTINE? OR SUBROUTIN?)

S41 4 BPEL OR BUSINESS?()PROCESS?()EXECUT?()Languag? OR  
WORKFLOW-  
() DESCRIPT?()Languag? OR WORKFLOW(2W)ENGINE?

S42 1109 MEASUR? OR MENSURAT?? OR PREDICT? OR FORECAST? OR  
EVALUAT?  
OR DETERMIN? OR DETECT? OR SENSE? OR SENSING OR IDENTIF?  
S43 541 MONITOR? OR ACQUIR? OR ACQUISIT? OR VERIFY? OR VERIFIC?  
OR  
VERIFIIE? OR CAPTUR? OR ARCHIV? OR CATALOG?  
S44 1061 ASSESS? OR TEST? OR EVALUAT? OR EXTRAPOLAT? OR  
INTERPOLAT?  
OR STORE? OR STORING OR STORAG? OR RECORD?  
S45 344 QUANTIF? OR ASCERTAIN? OR INTERPOLAT? OR EXTRAPOLAT? OR  
QU-  
ANTITAT? OR EXTRACT? OR TRACK? OR MENSURAT? OR GAUGE? OR  
GAUG-  
ING  
S46 182 TELEMONITOR? OR AUDIT? OR SURVEILL? OR SURVEY? OR SCAN?  
OR  
INTERCEPT? OR DEDUCE? OR DEDUCING  
S47 338 COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR  
INSPECT? OR  
DERIVE? OR DERIVING? OR DERIVATION?  
S48 586 DIAGNOS? OR CALCULAT? OR DISAMBIGUAT? OR ASCERTAIN? OR  
APP-  
RAIS? OR ESTIMAT?  
S49 175 PROGNOST? OR SURVEY? OR DEDUCE? OR DEDUCING? OR  
DISCERN? OR  
PERCEIV? OR REGISTER?  
S50 590 DEDUCTION? OR COMPIL? OR COMPUTATION? OR EMPIRIC? OR  
COUNT?  
OR ACCOUNT? OR TABULAT? OR ENUMERAT? OR TALLY? OR TALLIE?  
OR  
CUMULAT?  
S51 0 AU=(REDMAYNE J? OR REDMAYNE JM OR REDMAYNE, J? OR  
REDMAYNE,  
JM)  
S52 0 REDMAYNE(2N) (JOHN? OR MICHAEL? OR MIKE)  
S53 1340 IC=(G06F? OR G07F? OR G06Q?)  
S54 280 S8 AND S9:S12 AND S13:S15 AND S16:S19 AND S20:S22 AND  
S23:-  
S24  
S55 206 S54 AND S27:S41  
S56 206 S55 AND S42:S50  
S57 205 S56 AND (S25:S26 OR S53)  
S58 280 S54:S57  
S59 9 S58 AND S1:S2(10N)S3:S4 AND S1:S4(10N)S5:S7 AND S9:S10  
AND  
(S11:S12 OR S27:S41) AND S20:S22(10N)S23:S24  
S60 5 S59 AND AY=1950:2004  
S61 5 S59 NOT AY=2005:2011  
S62 5 S60:S61  
S63 5 IDPAT (sorted in duplicate/non-duplicate order)  
S64 5 IDPAT (primary/non-duplicate records only)  
S65 271 S58 NOT S59  
S66 72 S65 AND S9:S10(10N)S1:S7  
S67 39 S66 AND S13:S15(7N)S9:S10  
S68 34 S67 AND S16:S19(10N)S1:S7  
S69 34 S68 AND S20:S22 AND S23:S24  
S70 16 S69 AND AY=1950:2004

S71 9 S69 NOT AY=2005:2011  
S72 16 S70:S71  
S73 16 IDPAT (sorted in duplicate/non-duplicate order)  
S74 16 IDPAT (primary/non-duplicate records only)

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File 348:EUROPEAN PATENTS 1978-201129  
(c) 2011 European Patent Office  
File 349:PCT FULLTEXT 1979-2011/UB=20110721|UT=20110714  
(c) 2011 WIPO/Thomson

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Set Items Description  
S1 45611 (MERCANTILE? OR ENTREPRENUR? OR BUSINESS OR ENTERPRISE?  
OR INCORPORAT? OR FOR()PROFIT OR COMMERCIAL? OR  
INDUSTRIAL?) ()(E-  
ENTERPRISE? OR ENTIT? OR CONCERN? OR FIRM? ? OR VENTURE? OR  
ST- ARTUP? ? OR START() (UP OR UPS))  
S2 1275399 COMPANY OR BUSINESS()ENTERPRISE? OR COMPANIES OR  
CORPORATI-  
ON? OR LLC OR LLCs OR PARTNERSHIP? OR  
SOLE()PROPRIET?RSHIP? OR  
GOING()CONCERN? ?  
S3 1154518 DEBENTUR? OR STOCK? OR EQUIT? OR SHARE? OR BOND? ? OR  
COMM-  
ODIT? OR FUTURE? OR SECURIT? OR CASH? OR MONEY  
S4 3576 (INVESTMENT? OR FINANCIAL OR MONETARY OR  
CAPIT?L?) ()(ASSET?  
OR FUND? OR OPTION? OR INSTRUMENT? OR MUTUAL()FUND?)  
S5 364853 RISK OR RISKINESS? OR MORAL()HAZARD? OR VOLATILIT? OR  
UPS(-  
2W)DOWNS OR ROLLER()COASTER? OR MARKET(2N)(EXPOSURE? OR  
LIABI-  
L? OR LIABL?) OR BEYOND(2W)CONTROL OR UNCERTAINT?  
S6 88655 PERIL? OR HAZARD?  
S7 10452 (UNFORESEEN? OR UNPREDICT? OR UNEXPECT? OR SUDDEN? OR  
UNCE-  
RTAIN?) (2N)(REVERSAL? OR SWING? OR EVENT? OR HAPPEN? OR  
CONTI-  
NGEN? OR CONDITION? OR SCENARIO? OR DROPS OR RISES OR  
SPIKE? -  
OR SURGE? OR MELTDOWN? OR SURGE? OR UPSURG? OR UPTICK?)  
S8 2336 S1:S2(10N)S3:S4 AND S1:S4(10N)S5:S7  
S9 1854 RATIO OR RATIOS OR RELATIONSHIP? OR PROPORTION? OR  
PERCENT?  
OR PER() (CENT OR CENTAG?) OR (INVERS? OR  
FRACTION?) ()RELATIO-  
N?  
S10 19 NUMERIC?(2N)(RELATIONSHIP? OR DERIVATIV? OR FRACTION?)  
OR -

DERIVAT? (2N) RELATIONSHIP?  
S11 1912 CALCULATE? OR CALCULATING OR CALCULATION? OR ALGORITHM?  
OR FORMULA? OR ARITHMET? OR MATHEMATIC? OR EQUATION?  
S12 367 ALGEBRA? OR TRIGONOMET? OR CALCULUS? OR QUADRATIC? OR  
POLY- NOMIA? OR COEFFICIENT? OR DIVIDEND(3N)DIVISOR? OR  
QUOTIENT? OR LOG?RITHM?  
S13 2305 "SAME" OR IDENTICAL? OR SYNCHRON? OR COOCCUR? OR  
CONCURR? - OR CO()OCUR? OR COINCID? OR CORRESPOND? OR CORRELAT?  
S14 2294 MATCH? OR SIMILAR? OR ANALOGOUS? OR COUNTERPART? OR  
ANALOGY OR ANALOGIE? OR ANALOGUE? ? OR UNISON? OR RELATED OR  
RELATIO- NSHIP?  
S15 1844 OVERLAP? OR SHARE? OR SHARING? OR ALIGN? OR SYNONYMOUS?  
OR CONGRUENT? OR CORROBORAT? OR INTERRELAT?  
S16 2260 PREMIUM? OR PRICE? OR VALUE? ? OR COST? OR FEE OR FEES  
OR - CHARGE OR CHARGES OR EXPENSE? OR EXPENDITUR? OR SPENDING  
OR O- UTLAY? OR SPENDING? OR SALESCOST? OR SALESPRICE? OR  
SELLPRICE? OR SELLCOST?  
S17 1719 AMOUNT()SPENT? OR COMMISSION? OR ROYALT? OR  
REMUNERATION? - OR PURCHAS? OR BUYIN OR BUYINS OR VALUATION? OR  
DOLLAR() (AMT - OR AMTS OR AMOUNT?)  
S18 330 (FUDGE OR HEDG? OR MONETAR? OR OFFSET? OR  
PREDETERM?) () (FA- CTOR? OR VALUE? OR PARAMET? OR CHARACTERISTIC? OR TRAIT?  
OR A- TTRIBUT? OR SIGNATUR? OR FINGERPRINT?)  
S19 13 (FUDGE OR HEDG? OR MONETAR? OR OFFSET? OR  
PREDETERM?) () (YA- RDSTICK? OR BENCHMARK? OR MILESTONE? OR PARVALUE? OR  
PROFILE? OR MULTIPLIER? OR MULTIPLICATIV?)  
S20 2306 DISCRETE? OR DISTINCT? OR PRESCRIB? OR ENUMERAT? OR  
PARTIC- ULAR? OR STIPULAT? OR FIXED OR STATIC  
S21 2290 DETERMIN? OR PREDETERMIN? OR DEFINED? OR DEFINITIV? OR  
PRE- SET? OR PRESPECIF? OR PRESELECT? OR PREESTABLISH? OR  
STIPULAT?  
S22 2230 SPECIFIC OR SINGULAR OR UNIQUE? OR ENUMERAT? OR  
EXCLUSIV? - OR UNITARY?  
S23 2316 TIME? OR PERIOD? OR INTERVAL? OR DURATION? OR TIMELINE?  
OR TIMES- TIMESSPAN? OR TIMELIMIT? OR TIMEPERIOD? OR TIMERANGE? OR  
TIMES- PREAD? OR TIMESPECTRUM?

S24 2105 SESSION? OR TIMELENGTH? OR WEEK? OR DAY OR DAYS OR  
MONTH? -  
OR YEAR?  
S25 2281 TWO(2W)MORE OR MORE(2W)ONE OR PLURAL? OR MULTI OR  
SEVERAL -  
OR NUMEROUS? OR MULTPLICIT? OR MULTITUD? OR MULTIPLE?  
S26 2302 COLLECTION? OR AGGREGAT? OR MANY OR COLLECTIVE? OR  
COMBINA-  
TION? OR GROUP? OR POOL??? OR COMMUNITY? OR CLUSTER?  
S27 2229 COMPUTER? OR ELECTRONIC()STORAG? OR SERVER? OR  
DATABASE? OR  
DESKTOP?  
S28 187 MICROCONTROLLER? OR MICROCOMPUTER? OR MINICONTRROLLER?  
S29 750 COMPUTING()DEVICE? OR APPARATUS?) OR MULTIPROCESS? OR  
MAI-  
NFRAME?  
S30 1196 MINICOMPUTER? OR PC OR PCS OR DATAPROCESSOR? OR  
MICROPROCE-  
SSOR? OR CENTRALPROCESSOR? OR CPU? ?  
S31 350 (DATA OR MICRO OR CENTRAL OR MINI)()PROCESSOR? OR  
CONTROL-  
LER?) OR MINICOMPUTER? OR MICROCOMPUTER?  
S32 1428 MICROPROCESSOR? OR MICRO()CONTROLLER? OR PROCESSOR?)  
OR D-  
ATA() (BASE? OR STORAG? OR STORE? OR STORING? OR FILE?)  
S33 976 DATA()STRUCTUR? OR BANK? OR REGIST? OR REPOSIT? OR  
ARCHIV?  
OR RECORD? OR SET OR SETS)  
S34 456 DATABANK? OR DATASERVER? OR DATAFIELD? OR  
DATA() (SERVER?) -  
OR DATASTOR? OR DATARECORD? OR DATA()FIELD?  
S35 128 DATAREPOSIT? OR DATASET?  
S36 458 EXECUT?()FILE? OR PROGRAM?()Languag? OR CONTROL()LOGIC?  
S37 1936 SOFTWARE? OR SOFT()WARE? OR APP? ? OR MACRO? ? OR API  
OR A-  
PIS OR PROGRAM()INTERFACE?  
S38 510 PROCESS?R?(2N) (PROGRAM? OR APPLICATION? OR ROUTINE? OR  
SUB-  
ROUTINE? OR CODE? OR INSTRUCTION? OR ALGORITH? OR  
Languag?)  
S39 280 PROCESS?R?(2N) (PROCEDUR? OR PROTOCOL? OR COMMUNICATION?  
OR  
COMMAND? OR STEP? ?)  
S40 87 PROCESS?R?(2N) (SCRIPT? OR UTILIT? OR CODE? OR UTILIT?  
OR S-  
RIPT? OR ROUTINE? OR SUBROUTIN?)  
S41 57 BPEL OR BUSINESS?()PROCESS?()EXECUT?()Languag? OR  
WORKFLOW-  
()DESCRIPT?()Languag? OR WORKFLOW(2W)ENGINE?  
S42 2319 MEASUR? OR MENSURAT?? OR PREDICT? OR FORECAST? OR  
EVALUAT?  
OR DETERMIN? OR DETECT? OR SENSE? OR SENSING OR IDENTIF?  
S43 2090 MONITOR? OR ACQUIR? OR ACQUISIT? OR VERIFY? OR VERIFIC?  
OR  
VERIFYIE? OR CAPTUR? OR ARCHIV? OR CATALOG?  
S44 2289 ASSESS? OR TEST? OR EVALUAT? OR EXTRAPOLAT? OR  
INTERPOLAT?

OR STORE? OR STORING OR STORAG? OR RECORD?  
S45 1879 QUANTIF? OR ASCERTAIN? OR INTERPOLAT? OR EXTRAPOLAT? OR  
QU-  
ANTITAT? OR EXTRACT? OR TRACK? OR MENSURAT? OR GAUGE? OR  
GAUG-  
ING  
S46 1484 TELEMONITOR? OR AUDIT? OR SURVEILL? OR SURVEY? OR SCAN?  
OR  
INTERCEPT? OR DEDUCE? OR DEDUCING  
S47 1780 COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR  
INSPECT? OR  
DERIVE? OR DERIVING? OR DERIVATION?  
S48 1888 DIAGNOS? OR CALCULAT? OR DISAMBIGUAT? OR ASCERTAIN? OR  
APP-  
RAIS? OR ESTIMATT?  
S49 1444 PROGNOST? OR SURVEY? OR DEDUCE? OR DEDUCING? OR  
DISCERN? OR  
PERCEIV? OR REGISTER?  
S50 2172 DEDUCTION? OR COMPIL? OR COMPUTATION? OR EMPIRIC? OR  
COUNT?  
OR  
OR ACCOUNT? OR TABULAT? OR ENUMERAT? OR TALLY? OR TALLIE?  
OR  
CUMULAT?  
S51 0 AU=(REDMAYNE J? OR REDMAYNE JM OR REDMAYNE, J? OR  
REDMAYNE,  
JM)  
S52 0 REDMAYNE(2N) (JOHN? OR MICHAEL? OR MIKE)  
S53 1843 IC=(G06F? OR G07F? OR G06Q?)  
S54 440 S8 AND S9:S10(10N)S5:S7  
S55 385 S54 AND (S11:S12 OR S27:S41) AND S16:S19 AND  
S20:S22(10N)S-  
23:S24  
S56 385 S55 AND S42:S50(10N)(S27:S41 OR S1:S7 OR S9:S10)  
S57 385 S55:S56  
S58 356 S57 AND S53  
S59 385 S57:S58  
S60 273 S59 AND S13:S14(7N)S5:S7 AND S25:S26(7N)S3:S4  
S61 105 S60 AND (S1:S7 OR S9:S10)/TI  
S62 163 S60 AND (S1:S7 OR S9:S10)/AB  
S63 86 S61 AND S62  
S64 45 S63 AND AY=1950:2004  
S65 40 S63 NOT AY=2005:2011  
S66 45 S64:S65  
S67 45 IDPAT (sorted in duplicate/non-duplicate order)  
S68 45 IDPAT (primary/non-duplicate records only)  
S69 187 S60:S62 NOT S63  
S70 101 S69 AND S9:S10(5N)S5:S7(7N)S16:S19(10N)S13:S15(7N)S5:S7  
S71 92 S70 AND S20:S22(5N)S23:S24 AND S25:S26(5N)S3:S4  
S72 68 S71 AND S16:S19(5N)S3:S4(5N)S5:S7  
S73 51 S72 AND AY=1950:2004  
S74 45 S72 NOT AY=2005:2011  
S75 51 S73:S74  
S76 51 IDPAT (sorted in duplicate/non-duplicate order)  
S77 51 IDPAT (primary/non-duplicate records only)

File 2:INSPEC 1898-2011/Jul W3  
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 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
     (c) 2002 Gale/Cengage

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Set	Items	Description
S1	193333	(MERCANTILE? OR ENTREPRENUR? OR BUSINESS OR ENTERPRISE? OR INCORPORAT? OR FOR()PROFIT OR COMMERCIAL? OR INDUSTRIAL?) () (E- NTERPRISE? OR ENTIT? OR CONCERN? OR FIRM? ? OR VENTURE? OR ST- ARTUP? ? OR START() (UP OR UPS))
S2	2106282	COMPANY OR BUSINESS()ENTERPRISE? OR COMPANIES OR CORPORATI- ON? OR LLC OR LLCS OR PARTNERSHIP? OR SOLE()PROPRIET?RSHIP? OR GOING()CONCERN? ?
S3	2847662	DEBTENTUR? OR STOCK? OR EQUIT? OR SHARE? OR BOND? ? OR COMM- ODIT? OR FUTURE? OR SECURIT? OR CASH? OR MONEY
S4	37138	(INVESTMENT? OR FINANCIAL OR MONETARY OR CAPIT?L?) ()(ASSET? OR FUND? OR OPTION? OR INSTRUMENT? OR MUTUAL()FUND?)
S5	622100	RISK OR RISKINESS? OR MORAL()HAZARD? OR VOLATILIT? OR UPS(- 2W)DOWNS OR ROLLER()COASTER? OR MARKET(2N)(EXPOSURE? OR LIABI- L? OR LIABL?) OR BEYOND(2W)CONTROL OR UNCERTAINT?
S6	138539	PERIL? OR HAZARD?
S7	11530	(UNFORESEEN? OR UNPREDICT? OR UNEXPECT? OR SUDDEN? OR UNCE- RTAIN?) (2N)(REVERSAL? OR SWING? OR EVENT? OR HAPPEN? OR CONTI- NGEN? OR CONDITION? OR SCENARIO? OR DROPS OR RISES OR SPIKE? - OR SURGE? OR MELTDOWN? OR SURGE? OR UPSURG? OR UPTICK?)
S8	23144	S1:S2 AND S3:S4 AND S5:S7

S9 3848 RATIO OR RATIOS OR RELATIONSHIP? OR PROPORTION? OR PERCENT?  
OR PER() (CENT OR CENTAG?) OR (INVERS? OR FRACTION?) () RELATIO-  
N?  
S10 4 NUMERIC?(2N) (RELATIONSHIP? OR DERIVATIV? OR FRACTION?)  
OR - DERIVAT? (2N) RELATIONSHIP?  
S11 1591 CALCULATE? OR CALCULATING OR CALCULATION? OR ALGORITHM?  
OR FORMULA? OR ARITHMET? OR MATHEMATIC? OR EQUATION?  
S12 261 ALGEBRA? OR TRIGONOMET? OR CALCULUS? OR QUADRATIC? OR POLY-  
NOMIA? OR COEFFICIENT? OR DIVIDEND(3N)DIVISOR? OR QUOTIENT? OR LOG?RITHM?  
S13 2297 "SAME" OR IDENTICAL? OR SYNCHRON? OR COOCCUR? OR CONCURR? -  
OR CO() OCCUR? OR COINCID? OR CORRESPOND? OR CORRELAT?  
S14 4454 MATCH? OR SIMILAR? OR ANALOGOUS? OR COUNTERPART? OR ANALOGY  
OR ANALOGIE? OR ANALOGUE? ? OR UNISON? OR RELATED OR RELATIO-  
NSHIP?  
S15 6797 OVERLAP? OR SHARE? OR SHARING? OR ALIGN? OR SYNONYMOUS?  
OR CONGRUENT? OR CORROBORAT? OR INTERRELAT?  
S16 10673 PREMIUM? OR PRICE? OR VALUE? ? OR COST? OR FEE OR FEES  
OR - CHARGE OR CHARGES OR EXPENSE? OR EXPENDITUR? OR SPENDING  
OR O- UTLAY? OR SPENDING? OR SALESCOST? OR SALESPRICE? OR SELLPRICE?  
OR SELLCOST?  
S17 2362 AMOUNT() SPENT? OR COMMISSION? OR ROYALT? OR REMUNERATION? -  
OR PURCHAS? OR BUYIN OR BUYINS OR VALUATION? OR DOLLAR() (AMT -  
OR AMTS OR AMOUNT?)  
S18 8 (FUDGE OR HEDG? OR MONETAR? OR OFFSET? OR PREDETERM?) () (FA-  
CTOR? OR VALUE? OR PARAMET? OR CHARACTERISTIC? OR TRAIT?  
OR A- TTRIBUT? OR SIGNATUR? OR FINGERPRINT?)  
S19 1 (FUDGE OR HEDG? OR MONETAR? OR OFFSET? OR PREDETERM?) () (YA-  
RDSTICK? OR BENCHMARK? OR MILESTONE? OR PARVALUE? OR PROFILE?  
OR MULTIPLIER? OR MULTIPLICATIV?)  
S20 2930 DISCRETE? OR DISTINCT? OR PRESCRIB? OR ENUMERAT? OR PARTIC-  
ULAR? OR STIPULAT? OR FIXED OR STATIC  
S21 2661 DETERMIN? OR PREDETERMIN? OR DEFINED? OR DEFINITIV? OR PRE-  
SET? OR PRESPECIF? OR PRESELECT? OR PREESTABLISH? OR STIPULAT?

S22 2375 SPECIFIC OR SINGULAR OR UNIQUE? OR ENUMERAT? OR  
EXCLUSIV? -  
OR UNITARY?

S23 5403 TIME? OR PERIOD? OR INTERVAL? OR DURATION? OR TIMELINE?  
OR  
TIMESPAN? OR TIMELIMIT? OR TIMEPERIOD? OR TIMERANGE? OR

TIMES-  
PREAD? OR TIMESPECTRUM?

S24 5775 SESSION? OR TIMELENGTH? OR WEEK? OR DAY OR DAYS OR  
MONTH? -  
OR YEAR?

S25 2754 TWO(2W)MORE OR MORE(2W)ONE OR PLURAL? OR MULTI OR  
SEVERAL -  
OR NUMEROUS? OR MULTIPPLICIT? OR MULTITUD? OR MULTIPLE?

S26 6924 COLLECTION? OR AGGREGAT? OR MANY OR COLLECTIVE? OR  
COMBINA-  
TION? OR GROUP? OR POOL??? OR COMMUNIT? OR CLUSTER?

S27 3554 COMPUTER? OR ELECTRONIC()STORAG? OR SERVER? OR  
DATABASE? OR  
DESKTOP?

S28 114 MICROCONTROLLER? OR MICROCOMPUTER? OR MINICONROLLER?  
S29 84 COMPUTING() (DEVICE? OR APPARATUS?) OR MULTIPROCESS? OR  
MAI-  
NFRAME?

S30 219 MINICOMPUTER? OR PC OR PCS OR DATAPROCESSOR? OR  
MICROPROCE-  
SSOR? OR CENTRALPROCESSOR? OR CPU? ?

S31 130 (DATA OR MICRO OR CENTRAL OR MINI) () (PROCESSOR? OR  
CONTROL-  
LER?) OR MINICOMPUTER? OR MICROCOMPUTER?

S32 140 MICROPROCESSOR? OR MICRO() (CONTROLLER? OR PROCESSOR?)  
OR D-  
ATA() (BASE? OR STORAG? OR STORE? OR STORING? OR FILE?)

S33 195 DATA() (STRUCTUR? OR BANK? OR REGIST? OR REPOSIT? OR  
ARCHIV?  
OR RECORD? OR SET OR SETS)

S34 11 DATABANK? OR DATASERVER? OR DATAFIELD? OR  
DATA() (SERVER?) -  
OR DATASTOR? OR DATARECORD? OR DATA()FIELD?

S35 120 DATAREPOSIT? OR DATASET?

S36 17 EXECUT?()FILE? OR PROGRAM?()Languag? OR CONTROL()LOGIC?

S37 1535 SOFTWARE? OR SOFT()WARE? OR APP? ? OR MACRO? ? OR API  
OR A-  
PI'S OR PROGRAM()INTERFACE?

S38 4 PROCESS?R?(2N) (PROGRAM? OR APPLICATION? OR ROUTINE? OR  
SUB-  
ROUTINE? OR CODE? OR INSTRUCTION? OR ALGORITH? OR  
Languag?)

S39 4 PROCESS?R?(2N) (PROCEDUR? OR PROTOCOL? OR COMMUNICATION?  
OR  
COMMAND? OR STEP? ?)

S40 0 PROCESS?R?(2N) (SCRIPT? OR UTILIT? OR CODE? OR UTILIT?  
OR S-  
CRIPT? OR ROUTINE? OR SUBROUTIN?)

S41 4 BPEL OR BUSINESS?()PROCESS?()EXECUT?()Languag? OR  
WORKFLOW-  
() DESCRIPT?()Languag? OR WORKFLOW(2W)ENGINE?

S42 7942 MEASUR? OR MENSURAT?? OR PREDICT? OR FORECAST? OR  
 EVALUAT?  
     OR DETERMIN? OR DETECT? OR SENSE? OR SENSING OR IDENTIF?  
 S43 4060 MONITOR? OR ACQUIR? OR ACQUISIT? OR VERIFY? OR VERIFIC?  
 OR  
     VERIFIIE? OR CAPTUR? OR ARCHIV? OR CATALOG?  
 S44 5609 ASSESS? OR TEST? OR EVALUAT? OR EXTRAPOLAT? OR  
 INTERPOLAT?  
     OR STORE? OR STORING OR STORAG? OR RECORD?  
 S45 1296 QUANTIF? OR ASCERTAIN? OR INTERPOLAT? OR EXTRAPOLAT? OR  
 QU-  
     ANTITAT? OR EXTRACT? OR TRACK? OR MENSURAT? OR GAUGE? OR  
 GAUG-  
     ING  
 S46 2026 TELEMONITOR? OR AUDIT? OR SURVEILL? OR SURVEY? OR SCAN?  
 OR  
     INTERCEPT? OR DEDUCE? OR DEDUCING  
 S47 1475 COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR  
 INSPECT? OR  
     DERIVE? OR DERIVING? OR DERIVATION?  
 S48 2360 DIAGNOS? OR CALCULAT? OR DISAMBIGUAT? OR ASCERTAIN? OR  
 APP-  
     RAIS? OR ESTIMAT?  
 S49 1613 PROGNOST? OR SURVEY? OR DEDUCE? OR DEDUCING? OR  
 DISCERN? OR  
     PERCEIV? OR REGISTER?  
 S50 8309 DEDUCTION? OR COMPIIL? OR COMPUTATION? OR EMPIRIC? OR  
 COUNT?  
     OR ACCOUNT? OR TABULAT? OR ENUMERAT? OR TALLY? OR TALLIE?  
 OR  
     CUMULAT?  
 S51 0 AU=(REDMAYNE J? OR REDMAYNE JM OR REDMAYNE, J? OR  
 REDMAYNE,  
     JM)  
 S52 0 REDMAYNE(2N) (JOHN? OR MICHAEL? OR MIKE)  
 S53 3296 IC=(G06F? OR G07F? OR G06Q?)  
 S54 257 S8 AND S9:S10 AND (S11:S12 OR S27:S41) AND S20:S22 AND  
 S23-  
     :S24  
 S55 207 S54 AND S13:S15  
 S56 204 S55 AND (S25:S26 OR S42:S53)  
 S57 207 S55:S56  
 S58 123 S57 AND PY=1950:2004  
 S59 123 S57 NOT PY=2005:2011  
 S60 123 S58:S59  
 S61 122 RD (unique items)

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File 9:Business & Industry(R) Jul/1994–2011/Jul 27  
     (c) 2011 Gale/Cengage  
 File 13:BAMP 2011/Jul 27  
     (c) 2011 Gale/Cengage  
 File 15:ABI/Inform(R) 1971–2011/Jul 27  
     (c) 2011 ProQuest Info&Learning  
 File 16:Gale Group PRMT(R) 1990–2011/Jul 25

(c) 2011 Gale/Cengage  
File 20:Dialog Global Reporter 1997-2011/Jul 28  
(c) 2011 Dialog  
File 148:Gale Group Trade & Industry DB 1976-2011/Jul 26  
(c) 2011 Gale/Cengage  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 267:Finance & Banking Newsletters 2008/Sep 29  
(c) 2008 Dialog  
File 268:Banking Info Source 1981-2011/Jul W3  
(c) 2011 ProQuest Info&Learning  
File 275:Gale Group Computer DB(TM) 1983-2011/Jun 06  
(c) 2011 Gale/Cengage  
File 485:Accounting & Tax DB 1971-2011/Jul W3  
(c) 2011 ProQuest Info&Learning  
File 610:Business Wire 1999-2011/Jul 28  
(c) 2011 Business Wire.  
File 613:PR Newswire 1999-2011/Jul 28  
(c) 2011 PR Newswire Association Inc  
File 621:Gale Group New Prod.Annou.(R) 1985-2011/May 26  
(c) 2011 Gale/Cengage  
File 624:McGraw-Hill Publications 1985-2011/Jul 28  
(c) 2011 McGraw-Hill Co. Inc  
File 625:American Banker Publications 1981-2008/Jun 26  
(c) 2008 American Banker  
File 626:Bond Buyer Full Text 1981-2008/Jul 07  
(c) 2008 Bond Buyer  
File 634:San Jose Mercury Jun 1985-2011/Jul 27  
(c) 2011 San Jose Mercury News  
File 636:Gale Group Newsletter DB(TM) 1987-2011/Jul 26  
(c) 2011 Gale/Cengage  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

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Set	Items	Description
S1	12935943	(BUSINESS? OR ENTERPRISE? OR CORPORATION? OR COMPANY?) (5N)- (STOCK? OR BOND? ? OR SHARE? OR EQUIT? OR COMMODIT? OR OPTION? OR CAPITAL? OR ASSET?)
S2	17111352	RISK OR RISKINESS? OR MORAL()HAZARD? OR VOLATILIT? OR UPS(- 2W)DOWNS OR ROLLER()COASTER? OR MARKET(2N)(EXPOSURE? OR LIABI-
S3	1267547	L? OR LIABL?) OR BEYOND(2W)CONTROL OR UNCERTAINT?
S4	419336	PERIL? OR HAZARD? UNFORESEEN? OR UNPREDICT? OR UNEXPECT? OR SUDDEN? OR UNCE-
CONTI-		RTAIN?) (2N)(REVERSAL? OR SWING? OR EVENT? OR HAPPEN? OR NGEN? OR CONDITION? OR SCENARIO? OR DROPS OR RISES OR SPIKE? -

OR SURGE? OR MELTDOWN? OR SURGE? OR UPSURG? OR UPTICK?)  
S5 256777 S1(10N)S2:S4  
S6 125674 RATIO OR RATIOS OR RELATIONSHIP? OR PROPORTION? OR  
PERCENT?  
OR PER() (CENT OR CENTAG?) OR (INVERS? OR  
FRACTION?) () (RELATIO-  
N?  
S7 94 NUMERIC?(2N) (RELATIONSHIP? OR DERIVATIV? OR FRACTION?)  
OR -  
DERIVAT? (2N) RELATIONSHIP?  
S8 43698 CALCULATE? OR CALCULATING OR CALCULATION? OR ALGORITHM?  
OR  
FORMULA? OR ARITHMET? OR MATHEMATIC? OR EQUATION?  
S9 1818 ALGEBRA? OR TRIGONOMET? OR CALCULUS? OR QUADRATIC? OR  
POLY-  
NOMIA? OR COEFFICIENT? OR DIVIDEND(3N)DIVISOR? OR  
QUOTIENT? OR  
LOG?RITHM?  
S10 94405 "SAME" OR IDENTICAL? OR SYNCHRON? OR COOCCUR? OR  
CONCURR? -  
OR CO()OCCUR? OR COINCID? OR CORRESPOND? OR CORRELAT?  
S11 163025 MATCH? OR SIMILAR? OR ANALOGOUS? OR COUNTERPART? OR  
ANALOGY  
OR ANALOGIE? OR ANALOGUE? ? OR UNISON? OR RELATED OR  
RELATIO-  
NSHIP?  
S12 164137 OVERLAP? OR SHARE? OR SHARING? OR ALIGN? OR SYNONYMOUS?  
OR  
CONGRUENT? OR CORROBORAT? OR INTERRELAT?  
S13 215228 PREMIUM? OR PRICE? OR VALUE? ? OR COST? OR FEE OR FEES  
OR -  
CHARGE OR CHARGES OR EXPENSE? OR EXPENDITUR? OR SPENDING  
OR O-  
UTLAY? OR SPENDING? OR SALESCOST? OR SALESPRICE? OR  
SELLPRICE?  
OR SELLCOST?  
S14 146855 AMOUNT()SPENT? OR COMMISSION? OR ROYALT? OR  
REMUNERATION? -  
OR PURCHASE? OR BUYIN OR BUYINS OR VALUATION? OR  
DOLLAR() (AMT -  
OR AMTS OR AMOUNT?)  
S15 2572 (FUDGE OR HEDG? OR MONETAR? OR OFFSET? OR  
PREDETERM?) () (FA-  
CTOR? OR VALUE? OR PARAMET? OR CHARACTERISTIC? OR TRAIT?  
OR A-  
TTRIBUT? OR SIGNATUR? OR FINGERPRINT?)  
S16 108 (FUDGE OR HEDG? OR MONETAR? OR OFFSET? OR  
PREDETERM?) () (YA-  
RDSTICK? OR BENCHMARK? OR MILESTONE? OR PARVALUE? OR  
PROFILE?  
OR MULTIPLIER? OR MULTIPLICATIV?)  
S17 89690 DISCRETE? OR DISTINCT? OR PRESCRIB? OR ENUMERAT? OR  
PARTIC-  
ULAR? OR STIPULAT? OR FIXED OR STATIC  
S18 74336 DETERMIN? OR PREDETERMIN? OR DEFINED? OR DEFINITIV? OR  
PRE-

SET? OR PRESPECIF? OR PRESELECT? OR PREESTABLISH? OR  
STIPULAT?  
S19 74686 SPECIFIC OR SINGULAR OR UNIQUE? OR ENUMERAT? OR  
EXCLUSIV? -  
OR UNITARY?  
S20 186342 TIME? OR PERIOD? OR INTERVAL? OR DURATION? OR TIMELINE?  
OR  
TIMES-  
TIMESPAN? OR TIMELIMIT? OR TIMEPERIOD? OR TIMERANGE? OR  
PREAD? OR TIMESPECTRUM?  
S21 208548 SESSION? OR TIMELENGTH? OR WEEK? OR DAY OR DAYS OR  
MONTH? -  
OR YEAR?  
S22 100047 TWO(2W)MORE OR MORE(2W)ONE OR PLURAL? OR MULTI OR  
SEVERAL -  
OR NUMEROUS? OR MULTIPPLICIT? OR MULTITUD? OR MULTIPLE?  
S23 180035 COLLECTION? OR AGGREGAT? OR MANY OR COLLECTIVE? OR  
COMBINA-  
TION? OR GROUP? OR POOL??? OR COMMUNIT? OR CLUSTER?  
S24 46468 COMPUTER? OR ELECTRONIC()STORAG? OR SERVER? OR  
DATABASE? OR  
DESKTOP?  
S25 388 MICROCONTROLLER? OR MICROCOMPUTER? OR MINICONROLLER?  
S26 1104 COMPUTING() (DEVICE? OR APPARATUS?) OR MULTIPROCESS? OR  
MAI-  
NFRAME?  
S27 7314 MINICOMPUTER? OR PC OR PCS OR DATAPROCESSOR? OR  
MICROPROCE-  
SSOR? OR CENTRALPROCESSOR? OR CPU? ?  
S28 594 (DATA OR MICRO OR CENTRAL OR MINI) () (PROCESSOR? OR  
CONTROL-  
LER?) OR MINICOMPUTER? OR MICROCOMPUTER?  
S29 2377 MICROPRESSOR? OR MICRO() (CONTROLLER? OR PROCESSOR?)  
OR D-  
ATA() (BASE? OR STORAG? OR STORE? OR STORING? OR FILE?)  
S30 1366 DATA() (STRUCTUR? OR BANK? OR REGIST? OR REPOSIT? OR  
ARCHIV?  
OR RECORD? OR SET OR SETS)  
S31 170 DATABANK? OR DATASERVER? OR DATAFIELD? OR  
DATA() (SERVER?) -  
OR DATASTOR? OR DATARECORD? OR DATA()FIELD?  
S32 245 DATAREPOSIT? OR DATASET?  
S33 142 EXECUT?()FILE? OR PROGRAM?()Languag? OR CONTROL()LOGIC?  
S34 48252 SOFTWARE? OR SOFT()WARE? OR APP? ? OR MACRO? ? OR API  
OR A-  
PIS OR PROGRAM()INTERFACE?  
S35 156 PROCESS?R?(2N) (PROGRAM? OR APPLICATION? OR ROUTINE? OR  
SUB-  
ROUTINE? OR CODE? OR INSTRUCTION? OR ALGORITH? OR  
Languag?)  
S36 72 PROCESS?R?(2N) (PROCEDUR? OR PROTOCOL? OR COMMUNICATION?  
OR  
COMMAND? OR STEP? ?)  
S37 12 PROCESS?R?(2N) (SCRIPT? OR UTILIT? OR CODE? OR UTILIT?  
OR S-  
CRIPT? OR ROUTINE? OR SUBROUTIN?)

S38 68 BPEL OR BUSINESS?()PROCESS?()EXECUT?()LANGUAG? OR  
WORKFLOW-  
()DESCRIPT?()LANGUAG? OR WORKFLOW(2W)ENGINE?  
S39 155172 MEASUR? OR MENSURAT?? OR PREDICT? OR FORECAST? OR  
EVALUAT?  
OR DETERMIN? OR DETECT? OR SENSE? OR SENSING OR IDENTIF?  
S40 129960 MONITOR? OR ACQUR? OR ACQUISIT? OR VERIFY? OR VERIFIC?  
OR  
VERIFIIE? OR CAPTUR? OR ARCHIV? OR CATALOG?  
S41 134583 ASSESS? OR TEST? OR EVALUAT? OR EXTRAPOLAT? OR  
INTERPOLAT?  
OR STORE? OR STORING OR STORAG? OR RECORD?  
S42 49687 QUANTIF? OR ASCERTAIN? OR INTERPOLAT? OR EXTRAPOLAT? OR  
QU-  
ANTITAT? OR EXTRACT? OR TRACK? OR MENSURAT? OR GAUGE? OR  
GAUG-  
ING  
S43 44026 TELEMONITOR? OR AUDIT? OR SURVEILL? OR SURVEY? OR SCAN?  
OR  
INTERCEPT? OR DEDUCE? OR DEDUCING  
S44 33769 COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR  
INSPECT? OR  
DERIVE? OR DERIVING? OR DERIVATION?  
S45 98934 DIAGNOS? OR CALCULAT? OR DISAMBIGUAT? OR ASCERTAIN? OR  
APP-  
RAIS? OR ESTIMAT?  
S46 51219 PROGNOST? OR SURVEY? OR DEDUCE? OR DEDUCING? OR  
DISCERN? OR  
PERCEIV? OR REGISTER?  
S47 154161 DEDUCTION? OR COMPIL? OR COMPUTATION? OR EMPIRIC? OR  
COUNT?  
OR ACCOUNT? OR TABULAT? OR ENUMERAT? OR TALLY? OR TALLIE?  
OR  
CUMULAT?  
S48 0 AU=(REDMAYNE J? OR REDMAYNE JM OR REDMAYNE, J? OR  
REDMAYNE,  
JM)  
S49 0 REDMAYNE(2N) (JOHN? OR MICHAEL? OR MIKE)  
S50 0 IC=(G06F? OR G07F? OR G06G?)  
S51 8008 S5 AND S1:S4(10N)S6:S7 AND (S1:S4 OR S6:S7)(10N)(S8:S9  
OR -  
S24:S38)  
S52 3148 S51 AND S17:S19(7N)S20:S21 AND S10:S12(10N)S1:S4 AND  
S13:S-  
16(10N)S1:S4  
S53 677 S52 AND S39:S47(7N)S13:S16(7N)S1 AND S22:S23(7N)S1  
S54 393 S53 AND S6:S9(5N)S2:S4  
S55 349 S54 AND (S1:S4 OR S6:S9 OR  
S13:S16)(10N)S17:S19(5N)S20:S21  
S56 100 S55 AND PY=1950:2004  
S57 100 S55 NOT PY=2005:2011  
S58 100 S56:S57  
S59 74 RD (unique items)

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